

Term Contract No. 760G

STATE OF NORTH CAROLINA, DEPARTMENT OF ADMINISTRATION		
DIVISION OF PURCHASE AND CONTRACT		
116 West Jones Street, Raleigh, NC 27603-8002		
Term Contract	760G	Motor Graders
Effective Dates	May 19, 2011 through May 18, 2014	
Bid Number	201100554	
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1. General Information

This contract is intended to cover the State's normal requirements for Motor Graders for use by all State Agencies, Institutions, and all Public Schools except those exempt by Statute noted herein. As per House Bill 490, Community Colleges have the flexibility to not use this contract if they can locate the item(s) that is the same or substantially similar in quality, service, and performance as items available under State term contracts and the delivered price is less than that on term contract with all features, terms, and conditions being the same.

NON-STATE AGENCIES ELIGIBLE TO PARTICIPATE IN THIS CONTRACT

In accordance with North Carolina General Statutes, certain non-state entities described below, may participate in this contract on a voluntary basis. Any of the non-state entities that choose to participate in this contract must abide by the terms and conditions that are set forth in this contract.

Nonprofit corporations operating charitable hospitals, local nonprofit community sheltered workshops or centers that meet standards established by the Division of Vocational Rehabilitation of the Department of Health and Human Services, private nonprofit agencies licensed or approved by the Department of Health and Human Services as child placing agencies, residential child-care facilities, private nonprofit rural, community, and migrant health centers designated by the Office of Rural Health and Resource Development, private higher education institutions, counties, public school units, cities, towns, governmental entities, volunteer fire departments, rescue squads, and other subdivisions of the State and public agencies thereof.

2. Scope of Contract

This specification is for motor graders with a variable horsepower diesel engine. The unit offered shall be new, unused and a current model under standard production by the manufacturer.

3. Taxes

Prices or Discounts shown herein do not include any North Carolina sales or use taxes.

4. Abnormal Quantities

Any State Agency (other than DOT) requirements that exceed six units must be forwarded to the Division of Purchase and Contract for processing. The Division, at its sole discretion, may process any such requirement in one of the following ways:

1. Purchase may be authorized at the current level of pricing with the current contract vendor(s)
2. Additional discounts from the current level of pricing may be negotiated with the current contract vendor(s)
3. A separate Invitation for Bids may be issued for the requirement

5. Minimum Orders

This contract will be for a minimum order of one unit for any single order.

6. Placement of Orders

Placement of Orders

Orders will be placed throughout the contract period on an as-needed basis for the quantity required at the time, and will be issued directly to the respective contractor(s) or their designated suppliers. Contract changes, if any, over the life of the contract are implemented by contract addenda released by the Contract Administrator to the contractor. If the contractor is accepting orders and/or delivering through other parties, for example a manufacturer accepting orders and delivering through a dealer network or dealers receiving orders through a network of other dealers, then it is the responsibility of the contractor to apprise such parties of all such contract addenda.

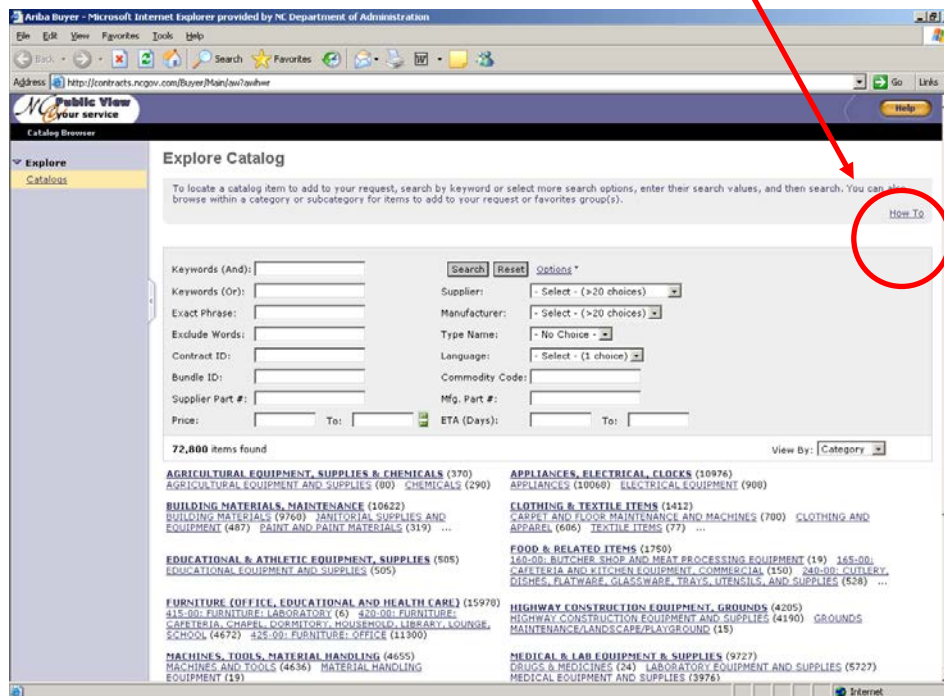
Order Placement Via E-Procurement (Catalog Items)

- Click on the following link: [E-Procurement Users](#)
- When placing an order in the e-procurement system, the very first thing to do is to go to the catalog tab and select options. After you have selected options, select contract ID. In the contract ID space type in the contract ID number, 760G.
- Please make sure the keywords space is blank and the contract ID is typed in the contract ID section.
- After selecting the contract ID and to narrow the search to a particular manufacturer select the manufacturer from the drop down
- When the item to be ordered has been located complete the requisition and issue the purchase order.

Non E-Procurement Users:

The E-Procurement Public View will be the only place for Non E-Procurement Users to view the item/pricing information.

- Click on the following link: [E-Procurement Public View](#)
- For online assistance regarding item searching; click on the “How to” underlined link located near the upper-right hand corner.**



7. Delivery

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The contractor(s) will complete delivery within 120 days after receipt of purchase order. In the event the delivery is not received within the contract delivery period, the contractor may be held in default in accordance with paragraph 1, DEFAULT AND PERFORMANCE BOND in the North Carolina General Contract Terms and Conditions, and the state may procure the articles or services from other sources and hold the contractor responsible for excess cost occasioned thereby.

8. Transportation Charges

All goods shall be delivered FOB DESTINATION when the "order value" is one unit or more, when shipped to a single destination. Transportation charges invoiced for orders equal to or more than this "order value" may be cause for removal of the contractor from the contract.

NOTE: If the contractor makes partial shipments of an order equal to or more than this "order value" to one destination, all shipments of the order shall be sent FOB DESTINATION with NO additional transportation charges added.

Note! All shipments should be inspected for damage immediately upon receipt.

10. Price Lists and Catalogs

The successful contractor must furnish descriptive literature to any agency within seven (7) consecutive days after request of the agency. Failure to comply with these requirements may subject the contractor to removal from the contract.

11. Contractors

All known minority, women and disabled owned businesses, as well as disabled business enterprises and nonprofit work centers for the blind and severely disabled, including dealers, will be identified with "Minority owned", "Woman owned", "Disabled Owned", "DBE" or "BSD" as appropriate after the vendor number. This is being done in an effort to recognize these businesses and to encourage and promote their use to the greatest extent permitted by law.

When more than one supplier is listed for a particular item, selection should be made, whenever possible, from any of the groups identified above, consistent with agency needs and price considerations.

Contractor Name	Address / Federal ID	Contact, Phone, Fax
RW Moore Equipment Co.	1128 Hwy 70 West, Garner, NC 27529-contact vendor for Federal ID information	R. McLamb, 919.772.2121 800.849.8899

MANUFACTURE STANDARD WARRANTY-

13. Substitutions

Substitutions are not permitted without prior approval of the Division of Purchase and Contract. Failure of the contractor to comply with this requirement may result in the removal of the contractor from the contract.

14 Additional Information

A) **QUALITY ACCEPTANCE INSPECTION:** Upon delivery of the item(s), as called for herein, the end (State Agencies only) user may request a Quality Acceptance Inspection. Such requests must be forwarded (in writing) to the Division of Purchase and Contract, Attn: Quality Acceptance Inspections, 1305 Mail Service Center, Raleigh, NC 27699-1305. Fax # (919) 807-4510.

INVOICES WILL NOT BE PAID BY THE USING AGENCY UNTIL QUALITY ACCEPTANCE HAS BEEN ACCOMPLISHED.

B) STANDARD EQUIPMENT

Any additional equipment or accessories listed in manufacturer's current literature, as standard but not listed in these specifications must also be furnished.

C) SERVICE UPON DELIVERY:

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Units shall be complete, serviced and ready for operation when delivered. All self propelled equipment to have at least 10 gallons of fuel in the tank. A North Carolina Safety Inspection or a Federal Safety Inspection is required to be completed and documentation furnished for all applicable equipment.

D) **TRAINING:** Training is required and the successful vendor shall provide a qualified representative to instruct the owners operators in the proper operation, routine maintenance, safety and service at time of delivery. .

E) FIRE EXTINGUISHERS:

Fire extinguishers of adequate size shall be mounted on each unit in accordance with applicable National Fire Protection Association (NFPA) requirements.

15)GENERAL SPECIFICATIONS

NOTE: PRIOR TO PLACING ORDER, USER SHOULD CONFIRM SPECIFICATIONS WITH THE CONTRACTOR.

	MSRP DISCOUNT FOR FEATURES/OPTIONS/ACCESSORIES NOT LISTED HEREIN	25%
	MSRP DISCOUNT FOR OEM PARTS	15%

GENERAL SPECIFICATIONS

a.	Make: SEE ABOVE
b.	Model SEE ABOVE
c.	Year Model: 2011
d.	Years in Production: 20
e.	Operating Weight: 33,820 lbs.
f.	Weight on front wheels: 9240 Weight on tandem wheels 24,580
g.	Wheelbase: 20.3 ft.
h.	Overall length: 29.2 ft.
i.	Overall height: 10' 5"

ENGINE:

a.	Six cylinders, four cycle turbocharged diesel engine.
b.	Engine make: JOHN DEERE
c.	Engine model: 609h
d.	Lower HP @ rpm 155 @ 2100 Higher HP @ rpm 195 @ 2100
e.	Engine equipped with manufacture's standard features including as a minimum: governor, cold weather starting aid, oil filter, fuel filter, fuel/water separator, fuel heater system and air filtration system with automatic dust ejection system.
f.	Thermostat controlled block heater with accessible cord.
g.	Throughout the contract period the engine shall meet applicable US EPA tier requirements for off-highway emissions in effect at time of delivery.
h.	BLANK
i.	BLANK
j.	Liquid cooling system with hydraulic fan.
k.	Cooling system protected with a 50/50 mixture of antifreeze offering maximum protection from heat and cold. Protected to a minus 34°.
l.	Manufactures standard voltage rating of the electrical system.
m.	Electrical system to include battery, alternator, starter and key less start.

n.	number of batteries and CCA. 2 @ 1400
o.	Battery compartment is accessible for servicing, provides protection from engine heat, elements, vibration and has a hold down device.
p.	Electrical system capable of cranking the engine in an ambient temperature of -20° F.
q.	Air filtration system as a minimum has a pre-cleaner, dual elements, automatic dust ejection and filter service indicator either under hood or in cab instrumentation.
r.	Exhaust pipe to have a turn out or be of the deflector type.
s.	Engine hood with lockable enclosures.

TRANSMISSION:

a.	Transmission to provide for shifting under full engine power through successive forward and reverse gears.
b.	Minimum of six (6) forward and two (2) reverse speeds.
c.	Lowest forward gear mph: 2.5- Highest forward gear mph: 28.3
d.	Lowest reverse gear mph: 2.5- Highest reverse gear mph: 28.3
e.	Transmission make: John Deere- Transmission model: DDJDPST
f.	Furnish with transmission guard.

FINAL DRIVE:

a.	Furnish manufactures standard rear drive system.
b.	Drive gears run in an oil bath.
c.	Driving mechanism fully enclosed and protected against dust, mud and water.
d.	Tandem housing sealed and contains separate lubricant.
e.	Tandem frames mounted on and pivot about the driving axle so that equal weight is carried on all four wheels when operating over rough terrain without affecting the evenness of the blade cut.
f.	Tandem oscillation approximately 20° from horizontal in either direction. Oscillation: 15 up, 15 down
g.	Differential either a "no-spin" design or the operator can lock/unlock the differential with a cab control.
h.	Front wheel oscillation approximately 32° from horizontal in either direction.
i.	Front axle pivot mounted fitted with leaning type wheels.
j.	Wheel tilting mechanism leans the wheels 20°right and left of vertical.

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k.	Operator instrumentation includes wheel lean and wheel center instrumentation.
l.	Front wheel hubs do not extend beyond tire line.
m.	Positive means provided to prevent tires from rubbing machine when in the leaning positions.
n.	Graders requested under "Furnish & Deliver" with all wheel drive to be furnished with selection of rear wheel, front wheel or all wheel drive.
o.	All wheel drive graders include cab indicator for drive selection.

HYDRAULIC SYSTEM:

a.	Manufactures standard hydraulic system including as a minimum reservoir tank, replaceable filters and pressure relief valve.
b.	Steering and leaning of front wheels hydraulically operated.
c.	System to permit simultaneous operation of at least three functional components without appreciable loss of speed or power.

BRAKING SYSTEM:

a.	Manufactures standard brake system.
b.	Service brake foot controlled.
c.	Brake system to provide a fail safe system that allows operator full application in the event of engine, hydraulic or air failure.
d.	Furnish a parking brake system with in cab controls and indicator.

WHEELS & TIRES:

a.	Bolt on one piece 10" rims interchangeable between front and rear.
b.	Rims conform to the standards of the Tire and Rim Association.
c.	Furnish non-directional radial front and rear tires.
d.	Tire size of 14.00 X 24, G2, 12 PR.
e.	Tires provided will accomplish to the State's satisfaction all work listed under "Use Conditions" paragraph above.
f.	Fenders are not required on any graders.

WIRING & LIGHTS:

a.	All wiring in protective loom or conduit and securely anchored throughout the grader electrical system.
b.	Grader furnished with a minimum of two front halogen headlights one on each side of the frame spaced approximately 42" apart located within 2' of the front without protruding beyond the front

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	accessory mounting plate.
c.	Two front facing amber colored turn signal lights mounted within the width and height of the cab.
d.	Two moldboard area work lights one on each side of the front lower section of the cab.
e.	Furnish the manufacture's standard back-up, tail, stop and directional lights on the rear within the width of the engine cowling.
f.	Furnish any additional lights listed as standard in published literature.
g.	The switch, controller, circuit, bulbs and bulb housing for 4-way flashers shall be suitable for continuous operation during a normal work shift and 12-hours or longer during inclement or emergency shifts.

MAINFRAME:

a.	Continuous welded box beam design.
b.	Mainframe guaranteed against defective workmanship, defective materials and against breakage under normal operating conditions for as long as the State owns the grader.

CIRCLE AND MOLDBOARD:

a.	Moldboard circle and drawbar assembly designed to permit the grader to perform operations described under "Use Conditions" without damage or permanent deformation.
b.	Circle drive system protected by a slip type clutch and/or a circuit relief valve.
c.	Circle side shift 31" right and left of center.
d.	Circle rotation 360°.
e.	Moldboard constructed to withstand the stresses imposed without damage or permanent deformation.
f.	Moldboard designed to give a rolling tumble to materials.
g.	Moldboard functions as a minimum include; raise, lower, detent float, tilt and slide right or left.
h.	In addition to the normal moldboard operating positions the operator from the cab shall be able to position the moldboard for ditching forward and backward on either side and bank sloping from 45° to 90° on either side.
i.	Moldboard length 13'.
j.	Moldboard height 27" measured along the curve.
k.	Moldboard thickness 1" Thickness.
l.	Lift above level ground 19.3".
m.	Cut below level ground 30.9".
n.	Moldboard side shift left and right of center 26.9".
o.	Moldboard is equipped with replaceable cutting blades and end bits secured to the board with replaceable bolts and hex nuts.
p.	Blades and end bits thickness of 7/8"
q.	Blades and end bits of alloy or high carbon steel having a high resistance to wear and abrasion.
r.	Moldboard to have a hydraulic pin lock system that the operator activates from the cab to lock the moldboard when it is shifted right or left.

SCARIFIER:

a.	Unless otherwise stated in the PRICING PAGE equip each grader with a scarifier.
b.	Mounting location of scarifier to be as specified in "Furnish and Deliver" either a Mid-mount location (behind front grader wheels) or Front mount location (in front of front grader wheels).
c.	Scarifier ground clearance in raised position to allow grader ditching operations.
d.	V type design.
e.	cutting width of 48".
f.	Designed to hold 9 teeth.
g.	Furnish with 5 removable teeth having replaceable points.

CAB & CONTROLS:

a.	Enclosed low profile ROPS/FOPS cab.
b.	Door with on each side of cab, keyed lock and a means to secure door open.
c.	Steps and handholds for cab entry and exit on both sides.
d.	Tinted safety glass front, rear and side allowing operator 360° visibility.
e.	Windshield, left and right lower windows and rear window provided with electric wiper and washer.
f.	Dual type west coast style mirror or a west coast mirror and convex mirror furnished on the outside of the left and right side of cab.
g.	Inside adjustable rear view mirror.
h.	Heat, defrost and air conditioning system with replaceable air filter.
i.	Positive means to shut off hot water flow to heater at engine.
j.	Manufacturer's standard instrumentation furnished including as a minimum: tachometer, hourmeter, engine oil pressure, engine temperature, electrical system, transmission pressure, hydraulic oil temperature, fuel level and degree of articulation.
k.	Warning light or audible alarm for low brake pressure, low transmission oil pressure and high engine water temperature as a minimum.
l.	Cloth covered adjustable suspension seat, with horizontal and vertical adjustments, armrests and a 3" wide retractable seat belt.
m.	Conventional levers on both sides of the steering wheel positioned in the industry acceptable pattern.
n.	Steering wheel with tilt and on an adjustable steering pedestal.
o.	At lease one 12 volt power point receptacle appropriately identified.
p.	Interior cab light.
q.	AM/FM radio, speakers and outside antenna.
r.	Rechargeable fire extinguisher securely mounted.
s.	When an attachment is required under "Furnish & Deliver" that requires in cab controls then the required number of controls are to be furnished within easy access of the operator and identified.

EQUIPMENT:

a.	Manufacture's standard commercial rear mounted drawbar, pin and retainer.
b.	Grease gun.
c.	Tool box with hasp or mounted inside a lockable compartment.
d.	Vandalism protection kit, including locking type caps on all exposed filler caps and dipsticks.
e.	A minimum of two (2) slip resistant steps, one on each side located at the rear. Handhold appropriately located on each side for use when using the step.
f.	Each grader to have a switch, wiring and a flip down bracket for mounting of a strobe light. The switch shall be inside the cab easily accessible to the operator. The bracket shall be mounted on the back of the cab, centered, high as possible to allow 360° light visibility and easily flip down without the use of tools. The strobe light will be mounted by the State.

ATTACHMENTS:**Slope Blade**

a.	When required under "Furnish & Deliver" equip grader with a right side mounted Rockland 455A slope blade, latest Rockland model or pre-approved equal, with manufactures standard equipment.
b.	16 foot long moldboard,.
c.	21 inches high moldboard,.
d.	½ inch thick moldboard,.
e.	Standard punch with replaceable ½" X 6" replaceable cutting edge.
f.	Variable pitch settings.
g.	Slope blade capable of being positioned from cab to slope positions and to bring close to grader for transport.
h.	Hydraulics compatible with and provided by grader hydraulics without robbing grader of any hydraulic functions.
i.	Hydraulic hoses to have quick disconnects.
j.	Rear mount allows hydraulic movement and position of moldboard in and out in lateral direction with respect to grader.
k.	Capable of finishing from level to sloping to ditching.
l.	Slope blade and frame acceptable painted to match grader or painted black.

. Vee Plow Hydraulics

a.	When required under "Furnish & Deliver" equip grader with vee plow hydraulics sufficient to operator a standard grader type vee plow. NOT REQUIRED TO FURNISH VEE PLOW.
b.	Hydraulics furnished and hydraulic lines terminated with quick disconnect fittings at the front of the grader frame.
c.	Furnish cab controls.

Contract Addenda

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